

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09934797</u>	Prepared by <u>PAP</u>	Tracking Number <u>05960983</u>	
Examiner-GAU <u>Ryan-1745</u>	Date <u>7/13/04</u>	Week Date <u>6/7/04</u>	
	No. of queries <u>1</u>		

JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	<u>(p.)</u> PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

MESSAGE Pto-1449: Please either initial or line through citation(s). Copy provided for reference.

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

Thank you

initials PAP

RESPONSE

initials

ATTY. DOCKET NO.

GRI-00-023

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Raymond J. GORTE et al.

FILING DATE

GROUP

11000 U.S. PTO
09/934791
08/22/01

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,543,239	08/1996	Virkar et al.			
	AB	5,656,387	08/1997	Barnett et al.			
	AC	4,661,422	04/987	Marianowski et al.			
	AD	5,306,411	04/1994	Mazanec et al.			
	AE	5,676,806	10/1997	Van Berkel et al.			
	AF	5,731,097	04/1994	Miyashita et al.			
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	00/13791	03/2000	PCT				
	AM	01 007475	01/1989	Japan (Abstract)				
	AN	338 823	10/1989	EPO				
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	K. Eguchi et al.: <i>Electrical properties of ceria-based oxides and their application to solid oxide fuel cells</i> , <i>Solid State Ionics</i> , 52, pp. 165-172, 1992.
	AS	M. Mogensen et al.: <i>Physical Properties of Mixed Conductor Solid Oxide Fuel Cell Anodes of Doped CeO₂</i> , <i>J. Electrochem. Soc.</i> , Vol. 141, No. 8, pp. 2122-2128, August 1994.
	AT	E.S. Putna et al.: <i>Ceria-Based Anodes for the Direct Oxidation of Methane in Solid Oxide Fuel Cells</i> , <i>Langmuir</i> , Vol. 11, No. 12, pp. 4832-4837, 1995.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/ 10

FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
GRI-00-023

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)
Raymond J. GORTE et al.

FILING DATE GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	R.T. Baker et al.: <i>Evaluation of perovskite anodes for the complete oxidation of dry methane in solid oxide fuel cells</i> , <i>Solid State Ionics</i> , 72, pp. 328-333, 1994.
	AS	K. Asano et al.: <i>A Novel Solid Oxide Fuel Cell System Using the Partial Oxidation of Methane</i> , <i>J. Electrochem. Soc.</i> , Vol. 142, No. 10, pp. 3241-3245, October 1995.
	AT	Y. Hiei et al.: <i>Partial oxidation of methane for internally reformed solid oxide fuel cell</i> , <i>Solid State Ionics</i> , Vol. 86-88, pp. 1267-1272, 1996.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/10

ATTY. DOCKET NO.

GRI-00-023

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)

Raymond J. GORTE et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	N.M. Sammes et al.: <i>Synthesis and properties of dense nickel and cobalt zirconia cermet anodes for solid oxide fuel cells</i> , <u>J. Mat. Sci.</u> , 31, pp. 6069-6072, 1996.
	AS	C.H. Bartholomew: <i>Carbon Deposition in Steam Reforming and Methanation</i> , <u>Catal. Rev.-Sci. Eng.</u> , 24 (1), pp. 67-112, 1982.
	AT	T. Kawada et al: <i>Electrical properties of transition-metal-doped YSV</i> , <u>Solid State Ionics</u> , Vol. 53-56, pp. 418-425, 1992.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

PI005.1/10

FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GRI-00-023		SERIAL NO.	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S) Raymond J. GORTE et al.			
				FILING DATE		GROUP	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AR	T. Tsai et al.: <i>Effect of Mixed-Conducting Interfacial Layers on Solid Oxide Fuel Cell Anode Performance</i> , <i>J. Electrochem. Soc.</i> Vol. 145, No. 5, pp. 1696-1701, May 1998.
	AS	H. Itoh et al.: <i>Configurational and Electrical Behavior of Ni-YSZ Cermet with Novel Microstructure for Solid Oxide Fuel Cell Anodes</i> , <i>J. Electrochem. Soc.</i> Vol. 144, No. 2, pp. 641-646, February 1997.
	AT	H. Itoh et al.: <i>Improved Microstructure of Ni-YSZ Cermet Anode for SOFC with a Long Term Stability</i> , <i>Denki Kagaku</i> , Vol. 64, No. 6, pp. 549-554, 1996.

EXAMINER	DATE CONSIDERED
----------	-----------------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/ 10

FORM PTO-1448
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
GRI-00-023

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Raymond J. GORTE et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		H. Alqahtany et al.: <i>Methane Steam Reforming over Fe Electrodes in a Solid Electrolyte Cell</i> , <i>Energy & Fuels</i> , 7, pp. 495-504, 1993.					
	AS							
	AT							

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

P1005.1/ 10